

SAFETY MESSAGE

Personal Safety is our #1 priority



Your Right to Know....

- **The U.S. chemical manufacturing industry and federal government developed a chemical identification system, which requires that a descriptive paper document accompany every chemical shipped, used or stored.**

Understanding The MSDS, Part 1

Section 1 - Chemical Identity

- Identification of the chemical including manufacturer, address and phone number.
- In cases involving chemical trade secrets, that chemical name will not be identified.
- Health hazard data will always be included. HMIS information.

Section 2 - Ingredients

- List of all hazardous ingredients contained in the chemical. Ingredients are referred by their common name and the CAS#.

CAS#-Chemical Abstract Service Number. All chemicals have a CAS#

- PEL- Permissible Exposure Limits
- TLV- Threshold Limit Value

The PEL and the TLV levels refer to the quantity of airborne concentrate individuals may be safely exposed to in an 8 hour period.

Section 3 - Properties

- The physical properties of the chemical. These properties detail how the chemical will react in the working environment.
- Specific Gravity of a liquid determines whether a chemical will sink or float in water.
- The vapor density of a gas refers to whether the chemical will float or sink in air.

Section 4 - Flammability

- **The key is the flash point**, which is defined as the temperature at which a substance releases enough flammable vapor to ignite.
- This section also, indicates the appropriate method to extinguish the specific chemical and any precautions that must be taken.